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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUIDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUIDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available

NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS
 NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003
 NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003
 NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
 ENERGY, INSPEC

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
 CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:01:35 ON 11 FEB 2003

=> file agricola biosis embase caplus

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FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 15:01:59 ON 11 FEB 2003

FILE 'BIOSIS' ENTERED AT 15:01:59 ON 11 FEB 2003

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FILE 'CAPLUS' ENTERED AT 15:01:59 ON 11 FEB 2003

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=> s vlcf a and elonagase

L1 0 VLCFA AND ELONAGASE

=> s vlcf a and plant

L2 78 VLCFA AND PLANT

=> s l2 and transform?

L3 12 L2 AND TRANSFORM?

=> duplicate remove l3
DUPLICATE PREFERENCE IS 'AGRICOLA, BIOSIS, CAPLUS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L3
L4 6 DUPLICATE REMOVE L3 (6 DUPLICATES REMOVED)

=> d l4 1-6

L4 ANSWER 1 OF 6 AGRICOLA DUPLICATE 1
AN 2001:80823 AGRICOLA
DN IND23234498
TI Improving erucic acid content in rapeseed through biotechnology: what can the Arabidopsis FAE1 and the yeast SLC1-1 genes contribute?
AU Katavic, V.; Friesen, W.; Barton, D.L.; Gossen, K.K.; Giblin, E.M.; Luciw, T.; An, J.; Zou, J.; MacKenzie, S.L.; Keller, W.A.; Males, D.; Taylor, D.C.
AV DNAL (64.8 C883)
SO Crop science, May/June 2001. Vol. 41, No. 3. p. 739-747
Publisher: Madison, Wis. : Crop Science Society of America, 1961-
CODEN: CRPSAY; ISSN: 0011-183X
NTE Includes references
CY United States; Wisconsin
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 2001:503137 CAPLUS
DN 136:163212
TI Functional characterization of .beta.-ketoacyl-CoA synthase genes from Brassica napus L.
AU Han, Jixiang; Luhs, Wilfried; Sonntag, Karin; Zahringer, Ulrich; Borchardt, Dorothea S.; Wolter, Frank P.; Heinz, Ernst; Frentzen, Margrit
CS Universitat Hamburg, Institut fur Allgemeine Botanik, Hamburg, 22609, Germany
SO Plant Molecular Biology (2001), 46(2), 229-239
CODEN: PMBIDB; ISSN: 0167-4412
PB Kluwer Academic Publishers
DT Journal
LA English
RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 1998:712364 CAPLUS
DN 129:311737
TI Nucleic acids encoding a Arabidopsis thaliana enzyme involved in very long chain fatty acid synthesis
IN Kunst, Ljerka; Millar, Anthony A.
PA The University of British Columbia, Can.
SO PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 9846766 A1 19981022 WO 1998-CA343 19980414
 W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
 DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,
 KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
 NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
 UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, ML, MR, NE, SN, TD, TG
 US 6274790 B1 20010814 US 1998-58947 19980410
 AU 9870191 A1 19981111 AU 1998-70191 19980414
 AU 750707 B2 20020725
 EP 975767 A1 20000202 EP 1998-916693 19980414
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 US 2002116735 A1 20020822 US 2001-892325 20010626
 PRAI US 1997-43831P P 19970414
 US 1998-958947 A 19980410
 US 1998-58947 A3 19980410
 WO 1998-CA343 W 19980414
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 6 AGRICOLA DUPLICATE 2
 AN 1999:32154 AGRICOLA
 DN IND21979988
 TI Accumulation of very-long-chain fatty acids in membrane glycerolipids is
 associated with dramatic alterations in ***plant*** morphology.
 AU Miller, A.A.; Wrischer, M.; Kunst, L.
 CS University of British Columbia, Vancouver, British Columbia, Canada.
 AV DNAL (QK725.P532)
 SO The Plant cell, Nov 1998. Vol. 10, No. 11. p. 1889-1902
 Publisher: (Rockville, MD : American Society of Plant Physiologists,
 c1989-
 CODEN: PLCEEW; ISSN: 1040-4651
 NTE Includes references
 CY Maryland; United States
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

 L4 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 1998:347260 BIOSIS
 DN PREV199800347260
 TI Pleiotropic phenotype of acetyl-CoA-carboxylase-defective yeast cells
 viability of a BPL1-amber mutation depending on its readthrough by normal
 tRNACAGGln.
 AU Hoja, Ursula; Wellein, Christian; Greiner, Eva; Schweizer, Eckhart (1)
 CS (1) Lehrstuhl Biochem., Univ. Erlangen-Nuernberg, Staudtstr. 5, D-91058
 Erlangen Germany
 SO European Journal of Biochemistry, (June, 1998) Vol. 254, No. 3, pp.
 520-526.
 ISSN: 0014-2956.
 DT Article
 LA English

L4 ANSWER 6 OF 6 AGRICOLA DUPLICATE 3
 AN 96:27473 AGRICOLA
 DN IND20510521
 TI A jojoba beta-ketoacyl-CoA synthase cDNA complements the canola fatty acid
 elongation mutation in transgenic ***plants*** .
 AU Lassner, M.W.; Lardizabal, K.; Metz, J.G.
 CS Calgene, Inc., Davis, CA.
 AV DNAL (QK725.P532)
 SO The Plant cell, Feb 1996. Vol. 8, No. 2. p. 281-292
 Publisher: [Rockville, MD : American Society of Plant Physiologists,
 c1989-
 CODEN: PLCEEW; ISSN: 1040-4651
 NTE Includes references
 CY Maryland; United States
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	18.30	18.51

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=>
 => s fael and brassica
 0 FAE1
 0 BRASSICA
 L5 0 FAE1 AND BRASSICA

=> file agricola biosis embase caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.56	20.07

FILE 'AGRICOLA' ENTERED AT 15:19:49 ON 11 FEB 2003

FILE 'BIOSIS' ENTERED AT 15:19:49 ON 11 FEB 2003
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=> s fael

L6 85 FAE1

=> duplicate remove l6

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PROCESSING COMPLETED FOR L6

L7 38 DUPLICATE REMOVE L6 (47 DUPLICATES REMOVED)

=> s l7 and plant

L8 31 L7 AND PLANT

=> d l8 1-31 ti

L8 ANSWER 1 OF 31 AGRICOLA

TI Identification of a mutant fatty acid elongase allele from zero-percent erucic acid *Sinapis alba*.

L8 ANSWER 2 OF 31 AGRICOLA

TI Expression of the ***FAE1*** gene and ***FAE1*** promoter activity in developing seeds of *Arabidopsis thaliana*.

L8 ANSWER 3 OF 31 AGRICOLA

TI Improving erucic acid content in rapeseed through biotechnology: what can the *Arabidopsis* ***FAE1*** and the yeast SLC1-1 genes contribute?

L8 ANSWER 4 OF 31 AGRICOLA

TI Functional characterization of beta-ketoacyl-CoA synthase genes from *Brassica napus* L.

L8 ANSWER 5 OF 31 AGRICOLA

TI Active-site residues of a ***plant*** membrane-bound fatty acid elongase beta-ketoacyl-CoA synthase, ***FAE1*** KCS.

L8 ANSWER 6 OF 31 AGRICOLA

TI Production of fatty acid components of meadowfoam oil in somatic soybean embryos.

L8 ANSWER 7 OF 31 AGRICOLA

TI The two genes homologous to *Arabidopsis* ***FAE1*** co-segregate with the two loci governing erucic acid content in *Brassica napus*.

L8 ANSWER 8 OF 31 AGRICOLA

TI A rapeseed ***FAE1*** gene is linked to the E1 locus associated with variation in the content of erucic acid.

L8 ANSWER 9 OF 31 AGRICOLA

TI Very-long-chain fatty acid biosynthesis is controlled through the expression and specificity of the condensing enzyme.

L8 ANSWER 10 OF 31 AGRICOLA

TI A jojoba beta-ketoacyl-CoA synthase cDNA complements the canola fatty acid elongation mutation in transgenic ***plants***.

L8 ANSWER 11 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Expression of meadowfoam Des5 and ***FAE1*** genes in yeast and in transgenic soybean somatic embryos, and their roles in fatty acid modification.

L8 ANSWER 12 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Restoring enzyme activity in nonfunctional low erucic acid Brassica napus fatty acid elongase 1 by a single amino acid substitution.

L8 ANSWER 13 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Studies into factors contributing to substrate specificity of membrane-bound 3-ketoacyl-CoA synthases.

L8 ANSWER 14 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI A Saccharomyces cerevisiae gene required for heterologous fatty acid elongase activity encodes a microsomal beta-keto-reductase.

L8 ANSWER 15 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI ***FAE1*** genes and their uses.

L8 ANSWER 16 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI ***FAE1*** genes and their uses.

L8 ANSWER 17 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Utility of the Arabidopsis ***FAE1*** and yeast SLC1-1 genes for improvements in erucic acid and oil content in rapeseed.

L8 ANSWER 18 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Production of hydroxy fatty acids in the seeds of Arabidopsis thaliana.

L8 ANSWER 19 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Mutations in the fatty acid elongation 1 gene are associated with a loss of beta-ketoacyl-CoA synthase activity in low erucic acid rapeseed.

L8 ANSWER 20 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Molecular cloning and characterization of FATTY ACID ELONGATION1 (BjFAE1) gene of Brassica juncea.

L8 ANSWER 21 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Efficient PCR walking on ***plant*** genomic DNA.

L8 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI Sequence of seed-specific promoters ***FAE1*** -1 and ***FAE1*** -2 and their used in modification of ***plant*** oil biosynthesis

L8 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI Cloning and molecular characterization of the Fatty Acid Elongase 1 (FAE 1) gene from high and low erucic acid lines of Brassica campestris and Brassica oleracea

L8 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI Chimeric fatty acid elongase 3-ketoacyl-CoA synthase comprising Arabidopsis thaliana and Brassica napus enzymes with altered substrate specificity and/or catalytic activity

L8 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI DNA molecule encoding Lesquerella fendleri gene LfKCS3, its sequence and use in production of very long chain fatty acids in seed oil

L8 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI Regulation of embryonic transcription in ***plants***

L8 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI Accumulation of very-long-chain fatty acids in membrane glycerolipids is associated with dramatic alterations in ***plant*** morphology

L8 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI Fatty acid elongases of Arabidopsis involved in the synthesis of very long chain fatty acids and the genes encoding them

L8 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI Cloning and DNA sequence of feruloyl esterase from Aspergillus niger and its industrial applications

L8 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI The products of the microsomal fatty acid elongase are determined by the expression and specificity of the condensing enzyme

L8 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2003 ACS
 TI ***FAE1*** genes encoding ***plant*** enzymes for fatty acid elongation and their use in altering patterns of ***plant*** fatty acid metabolism

=> d 18 27-31 ibib

L8 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1999:9078 CAPLUS
 DOCUMENT NUMBER: 130:165565
 TITLE: Accumulation of very-long-chain fatty acids in membrane glycerolipids is associated with dramatic alterations in ***plant*** morphology
 AUTHOR(S): Millar, Anthony A.; Wrischer, Mercedes; Kunst, Ljerka
 CORPORATE SOURCE: Department of Botany, University of British Columbia, Vancouver, BC, V6T 1Z4, Can.
 SOURCE: Plant Cell (1998), 10(11), 1889-1902
 CODEN: PLCEEW; ISSN: 1040-4651
 PUBLISHER: American Society of Plant Physiologists
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:804127 CAPLUS
 DOCUMENT NUMBER: 130:62946
 TITLE: Fatty acid elongases of Arabidopsis involved in the synthesis of very long chain fatty acids and the genes encoding them
 INVENTOR(S): Jaworski, Jan G.; Post-Beittenmiller, Martha Ann; Todd, James
 PATENT ASSIGNEE(S): Cargill, Inc., USA
 SOURCE: PCT Int. Appl., 76 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9854954	A1	19981210	WO 1998-US11384	19980601
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6307128	B1	20011023	US 1997-868373	19970603
AU 9877210	A1	19981221	AU 1998-77210	19980601
AU 749114	B2	20020620		
EP 986296	A1	20000322	EP 1998-925206	19980601
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, PT				
JP 2002503961	T2	20020205	JP 1999-502798	19980601
US 2002066123	A1	20020530	US 2001-883797	20010618
PRIORITY APPLN. INFO.:			US 1997-868373	A 19970603
			WO 1998-US11384	W 19980601
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L8 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:221111 CAPLUS
 DOCUMENT NUMBER: 128:292163
 TITLE: Cloning and DNA sequence of feruloyl esterase from Aspergillus niger and its industrial applications
 INVENTOR(S): Borneman, William S.; Bower, Benjamin S.
 PATENT ASSIGNEE(S): Genencor International, Inc., USA; Borneman, William S.; Bower, Benjamin S.
 SOURCE: PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9814594	A2	19980409	WO 1997-US17614	19970929
WO 9814594	A3	19980702		
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9748926	A1	19980424	AU 1997-48926	19970929
AU 739267	B2	20011011		
CN 1246152	A	20000301	CN 1997-199664	19970929
EP 1007694	A2	20000614	EP 1997-911601	19970929
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

US 6368833 B1 20020409 US 1997-952445 19971118
 MX 9903051 A 20000430 MX 1999-3051 19990330
 PRIORITY APPLN. INFO.: US 1996-722713 A2 19960930
 WO 1997-US17614 W 19970929

L8 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997:606974 CAPLUS
 DOCUMENT NUMBER: 127:275429
 TITLE: The products of the microsomal fatty acid elongase are
 determined by the expression and specificity of the
 condensing enzyme
 AUTHOR(S): Millar, Anthony; Kunst, Ljerka
 CORPORATE SOURCE: Dep. Botany, Univ. British Columbia, Vancouver, BC,
 V6T 1Z4, Can.
 SOURCE: Physiology, Biochemistry and Molecular Biology of
 Plant Lipids, [Proceedings of the International
 Symposium on Plant Lipids], 12th. Toronto, July 7-12,
 1996 (1997), 72-74. Editor(s): Williams, John Peter;
 Khan, Mobashsher Uddin; Lem, Nora Wan. Kluwer:
 Dordrecht, Neth.
 CODEN: 65BHAZ
 DOCUMENT TYPE: Conference
 LANGUAGE: English

L8 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1996:410589 CAPLUS
 DOCUMENT NUMBER: 125:81760
 TITLE: ***FAE1*** genes encoding ***plant*** enzymes
 for fatty acid elongation and their use in altering
 patterns of ***plant*** fatty acid metabolism
 INVENTOR(S): James, Douglas W., Jr.; Lim, Eda; Keller, Janis;
 Dooner, Hugo K.
 PATENT ASSIGNEE(S): Dna Plant Technology Corporation, USA
 SOURCE: PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9613582	A1	19960509	WO 1995-US13918	19951023
W: AU, CA				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2203754	AA	19960509	CA 1995-2203754	19951023
AU 9539699	A1	19960523	AU 1995-39699	19951023
AU 703957	B2	19990401		
EP 788542	A1	19970813	EP 1995-937657	19951023
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
US 6124524	A	20000926	US 1997-888998	19970707
US 6184355	B1	20010206	US 1999-362633	19990721
PRIORITY APPLN. INFO.:			US 1994-329603	A 19941026
			WO 1995-US13918	W 19951023
			US 1997-888998	A1 19970707

=> FIL STNGUIDE
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SINCE FILE	TOTAL
ENTRY	SESSION
16.94	37.01

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=> d l8 23-25 ibib
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L8 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:2044 CAPLUS
DOCUMENT NUMBER: 137:42378
TITLE: Cloning and molecular characterization of the Fatty
Acid Elongase 1 (FAE 1) gene from high and low erucic
acid lines of Brassica campestris and Brassica
oleracea
AUTHOR(S): Das, S.; Roscoe, T. J.; Delseny, M.; Srivastava, P.
S.; Lakshmikumaran, M.
CORPORATE SOURCE: Faculty of Science, Center for Biotechnology, Hamdard
University, New Delhi, 110062, India
SOURCE: Plant Science (Shannon, Ireland) (2002), 162(2),
245-250
CODEN: PLSCE4; ISSN: 0168-9452
PUBLISHER: Elsevier Science Ireland Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:904497 CAPLUS
DOCUMENT NUMBER: 136:49334
TITLE: Chimeric fatty acid elongase 3-ketoacyl-CoA synthase
comprising Arabidopsis thaliana and Brassica napus
enzymes with altered substrate specificity and/or
catalytic activity
INVENTOR(S): Jaworski, Jan G.; Blacklock, Brenda J.
PATENT ASSIGNEE(S): Miami University, USA
SOURCE: PCT Int. Appl., 139 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001094565	A2	20011213	WO 2001-US18737	20010608

WO 2001094565 A3 20020502
W: AU, CA, US
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, TR
US 2002049994 A1 20020425 US 2001-877476 20010608
PRIORITY APPLN. INFO.: US 2000-210326P P 20000608

L8 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:868684 CAPLUS
DOCUMENT NUMBER: 136:15966
TITLE: DNA molecule encoding Lesquerella fendleri gene
LfKCS3, its sequence and use in production of very
long chain fatty acids in seed oil
INVENTOR(S): Kunst, Ljerka; Smith, Mark Andrew; Moon, Hangsik
PATENT ASSIGNEE(S): The University of British Columbia, Can.
SOURCE: PCT Int. Appl., 18 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090364	A2	20011129	WO 2001-IB1140	20010524
WO 2001090364	A3	20020613		
W:	AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2000-206789P P	20000524

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FULL ESTIMATED COST	0.90	42.66

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